

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	13	("4626170"   "4645420"   "5299911"   "5417193"   "5549089"   "5577487"   "5810560"   "5829254"   "6076352"   "6077040"   "6171055"   "6178748"   "6224021").PN. OR ("6637202").URPN.	US-PGPUB; USPAT; USOCR	SAME	ON	2007/07/04 15:48
L2	1	10/687825.app.	US-PGPUB; USPAT; USOCR	SAME	ON	2007/07/04 15:48
L3	4	US-4478559-\$ DID. OR US-4493226-\$ DID. OR US-5842420-\$ DID. OR US-7100743-\$ DID.	US-PGPUB; USPAT; USOCR	SAME	ON	2007/07/04 15:49
L4	4	US-4478559-\$ DID. OR US-4493226-\$ DID. OR US-5842420-\$ DID. OR US-7100743-\$ DID.	US-PGPUB; USPAT; USOCR	SAME	ON	2007/07/04 15:49
L6	228	engine lubricate oil filter valve	US-PGPUB; USPAT; USOCR	SAME	ON	2007/07/04 16:05
L7	28	l6 and (hydraulic with pump)	US-PGPUB; USPAT; USOCR	SAME	ON	2007/07/04 16:05
L8	18	((DIETER) near2 (VOIGT)).INV.	US-PGPUB; USPAT; USOCR	SAME	ON	2007/07/04 16:23
L9	2	L8 and filter	US-PGPUB; USPAT; USOCR	SAME	ON	2007/07/04 16:23
L13	27	(US-20070104587-\$ or US-20070111855-\$ or US-20040105764-\$ or US-20030143085-\$ or US-20020088225-\$).did. or (US-5921279-\$ or US-6241486-\$ or US-4969806-\$ or US-3762843-\$ or US-4740142-\$ or US-6244839-\$ or US-6283735-\$ or US-7137798-\$ or US-5569110-\$ or US-5881630-\$ or US-5487403-\$ or US-4913102-\$ or US-4275607-\$ or US-6729854-\$ or US-4410302-\$ or US-6637202-\$ or US-5029513-\$ or US-4702335-\$ or US-5538096-\$ or US-6125819-\$).did. or (US-3587640-\$).did. or (GB-2362192-\$).did.	US-PGPUB; USPAT; USOCR; EPO	SAME	ON	2007/07/04 16:24
L14	7	l13 and filter	US-PGPUB; USPAT; USOCR; EPO	SAME	ON	2007/07/04 16:24
S1	1	10/500341.app.	US-PGPUB; USPAT; USOCR	SAME	ON	2007/06/12 16:50
S2	0	GB2362192	EPO; DERWENT	SAME	ON	2007/06/12 16:51
S3	0	("GB2362192").PN.	EPO; DERWENT	OR	OFF	2007/06/12 16:51

## EAST Search History

S4	0	("GB20010011550").PN.	EPO; DERWENT	OR	OFF	2007/06/12 16:51
S5	0	("DE10023330").PN.	EPO; DERWENT	OR	OFF	2007/06/12 16:51
S6	0	DE10023330	US-PGPUB; USPAT; USOCR	SAME	ON	2007/06/12 16:51
S7	0	GB20010011550	US-PGPUB; USPAT; USOCR	SAME	ON	2007/06/12 16:51
S8	0	GB2362192.did.	EPO; DERWENT	SAME	ON	2007/06/12 16:52
S9	0	GB20012362192.did.	EPO; DERWENT	SAME	ON	2007/06/12 16:52
S10	21	GRETZSCHEL.in.	EPO; DERWENT	SAME	ON	2007/06/12 16:52
S11	2	("4740142" "4828462").PN.	US-PGPUB; USPAT; USOCR	SAME	ON	2007/06/23 09:55
S12	18	((DIETER) near2 (VOIGT)).INV.	US-PGPUB; USPAT; USOCR	SAME	ON	2007/07/04 16:23
S13	2	US-3427980-\$.DID.	US-PGPUB; USPAT; USOCR; DERWENT	SAME	ON	2007/06/23 09:57
S14	2	US-4637429-\$.DID. OR US-5921279-\$.DID.	US-PGPUB; USPAT; USOCR	SAME	ON	2007/07/04 08:56
S15	15	("3587640"   "3924656"   "4201116"   "4741364"   "4875501"   "5242149"   "5350152"   "5568759"   "5664477").PN. OR ("5921279"). URPN.	US-PGPUB; USPAT; USOCR	SAME	ON	2007/07/04 08:56
S16	5	("3587640").URPN.	USPAT	SAME	ON	2007/07/04 08:57
S18	286	417/410.4.ccls.	US-PGPUB; USPAT; USOCR	SAME	ON	2007/07/04 09:35
S19	1157	417/440.ccls.	US-PGPUB; USPAT; USOCR	SAME	ON	2007/07/04 09:35
S20	5	("4969806").URPN.	USPAT	SAME	ON	2007/07/04 10:51
S21	1	"3587640".pn.	USPAT	SAME	ON	2007/07/04 10:51
S22	2	"3587640".pn.	US-PGPUB; USPAT; USOCR	SAME	ON	2007/07/04 10:51

## EAST Search History

S23	29	("2368572"   "2994562"   "3572982"   "3667879"   "3804565"   "4329126"   "4420291"   "4684335"   "4808087"   "4952122"   "4969803"   "5028222"   "5045026"   "5090874"   "5090875"   "5100307"   "5151021"   "5190450"   "5269664"   "5295808"   "5297940"   "5348453"   "5378128"   "5646466"   "5674063"   "5695327").PN. OR ("6241486").URPN.	US-PGPUB; USPAT; USOCR	SAME	ON	2007/07/04 10:53
S24	2	("2368572").URPN.	USPAT	SAME	ON	2007/07/04 10:57
S25	25	("2636440"   "2639694"   "2777396"   "3182596"   "3280756"   "3733813"   "3746979"   "3824041"   "3884604"   "3902566"   "4182125"   "4495767"   "4548231").PN. OR ("4828462").URPN.	US-PGPUB; USPAT; USOCR	SAME	ON	2007/07/04 10:57
S26	4	("2777396").URPN.	USPAT	SAME	ON	2007/07/04 10:58
S27	7	("2255785"   "2777396"   "3516768").PN. OR ("3762843").URPN.	US-PGPUB; USPAT; USOCR	SAME	ON	2007/07/04 10:59
S28	771	417/307.ccls.	US-PGPUB; USPAT; USOCR	SAME	ON	2007/07/04 11:00
S29	422	417/311.ccls.	US-PGPUB; USPAT; USOCR	SAME	ON	2007/07/04 11:01
S30	1733	centrifugal near2 valve	US-PGPUB; USPAT; USOCR	SAME	ON	2007/07/04 11:01
S31	330	S30 and (combustion with internal)	US-PGPUB; USPAT; USOCR	SAME	ON	2007/07/04 11:02
S32	23	("2079375"   "2212994"   "2293126"   "2526830"   "3029739").PN. OR ("4740142").URPN.	US-PGPUB; USPAT; USOCR	SAME	ON	2007/07/04 11:04
S33	10	("2052419"   "3110265"   "4740142"   "4872536"   "5306127"   "5724812"   "6244839"   "6283735").PN.	US-PGPUB; USPAT; USOCR	SAME	ON	2007/07/04 11:07
S34	19	("1486682"   "1990750"   "2331127"   "2484789"   "4097204"   "4413960"   "4492539"   "4740142"   "4812111"   "4872536"   "5476374").PN. OR ("6244839").URPN.	US-PGPUB; USPAT; USOCR	SAME	ON	2007/07/04 11:08
S35	4	("5306127").URPN.	USPAT	SAME	ON	2007/07/04 11:13
S36	10	("2052419"   "3110265"   "4740142"   "4872536"   "5306127"   "5724812"   "6244839"   "6283735").PN.	US-PGPUB; USPAT; USOCR	SAME	ON	2007/07/04 11:19
S37	12	("1458204"   "2149326"   "2354992"   "3669577"   "4233005"   "4740142").PN. OR ("6283735").URPN.	US-PGPUB; USPAT; USOCR	SAME	ON	2007/07/04 11:21
S38	110	418/21.ccls.	US-PGPUB; USPAT; USOCR	SAME	ON	2007/07/04 11:21
S39	1	("3446118").URPN.	USPAT	SAME	ON	2007/07/04 11:25

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S40	10	("2052419"   "3110265"   "4740142"   "4872536"   "5306127"   "5724812"   "6244839"   "6283735").PN.	US-PGPUB; USPAT; USOCR	SAME	ON	2007/07/04 11:27
S41	53	("1742215"   "2052419"   "2258504"   "2293126"   "2485240"   "2526830"   "2631695"   "2645903"   "2666293"   "2684636"   "2728299"   "2772755"   "2955541"   "2963981"   "2979036"   "2989151"   "3185241"   "3588295"   "3593828"   "3669577"   "3805928"   "4006804"   "4331223"   "4451094"   "4458792"   "4492541"   "4497393"   "4551080"   "4740142").PN. OR ("4872536").URPN.	US-PGPUB; USPAT; USOCR	SAME	ON	2007/07/04 11:27
S42	6	("4551080").URPN.	USPAT	SAME	ON	2007/07/04 11:28
S43	1	("2989151").URPN.	USPAT	SAME	ON	2007/07/04 11:29
S44	36	("2876947"   "3240158"   "3244111"   "3272130"   "3421389"   "3435616"   "3551081"   "3687578"   "3757524"   "4098083"   "4179888"   "4411606"   "4519755"   "4711090"   "4799851"   "5199525"   "5216983"   "5347812"   "5535845"   "5561978"   "5669461"   "5687568"   "5778693"   "5881630"   "5960628"   "6016657"   "6021641"   "6158216"   "6195990").PN. OR ("6612822").URPN.	US-PGPUB; USPAT; USOCR	SAME	ON	2007/07/04 11:30
S45	30	("3641879"   "4005636"   "4043419"   "4075840"   "4130990"   "4144946"   "4174018"   "4179888"   "4189919"   "4410058"   "4414809"   "4446697"   "4463557"   "4470259"   "4488569"   "4556078"   "4625751"   "4664210"   "4738330"   "4966066"   "5293952"   "5398505"   "5471908"   "5487403"   "5535845"   "5669461").PN. OR ("5881630").URPN.	US-PGPUB; USPAT; USOCR	SAME	ON	2007/07/04 11:34
S46	26	("4446697").URPN.	USPAT	SAME	ON	2007/07/04 11:46
S47	71	S31 and gear	USPAT	SAME	ON	2007/07/04 12:02
S48	1257	(rotary with valve) and (gear with pump)	USPAT	SAME	ON	2007/07/04 12:07
S49	30	(rotary with valve) and (gear with pump) and (stepper with motor)	USPAT	SAME	ON	2007/07/04 12:08
S50	20	("4476682"   "4626170"   "4645420"   "5299911"   "5417193"   "5549089"   "5577487"   "5810560"   "5829254"   "6076352"   "6077040"   "6171055"   "6178748"   "6224021"   "6276139"   "6295816"   "6457312"   "6722128"   "6898934"   "7010914").PN.	US-PGPUB; USPAT; USOCR	SAME	ON	2007/07/04 12:08
S51	1	S50 and (stepper with motor)	US-PGPUB; USPAT; USOCR	SAME	ON	2007/07/04 12:09
S52	0	"66378202".pn.	US-PGPUB; USPAT; USOCR	SAME	ON	2007/07/04 12:09
S53	1	"6637202".pn.	US-PGPUB; USPAT; USOCR	SAME	ON	2007/07/04 12:10

## EAST Search History

S54	2	09/933117.app.	US-PGPUB; USPAT; USOCR	SAME	ON	2007/07/04 12:10
S55	20	("2690192"   "4119172"   "4274504"   "4311161"   "4410058"   "4561521"   "4570736"   "4644846"   "4702335"   "4730687"   "4765428"   "4768604"   "4809746"   "4852462"   "4858713"   "4865147"   "4877099"   "4905784"   "4958695").PN.	US-PGPUB; USPAT; USOCR	SAME	ON	2007/07/04 12:21
S56	1	S55 and (stepper with motor)	US-PGPUB; USPAT; USOCR	SAME	ON	2007/07/04 12:22
S57	4	("5029513").URPN.	USPAT	SAME	ON	2007/07/04 12:30